Adding and Subtracting Polynomials

To add polynomials, combine like terms.

$$(4x^2 + 2x + 7) + (x^2 + 3x - 2)$$

Method 1: Line up like terms vertically

Method 2: Group like terms together

To add polynomials, combine like terms.

$$(7x^3 + 4x^2 + 2x - 3) + (3x^2 - 5x - 1)$$

Method 1: Line up like terms vertically

Method 2: Group like terms together

To subtract polynomials, distribute the minus
through second polynomial, then combine like terms.

$$(3x^2 - 8x - 1) - (x^2 + 2x + 3)$$

Method 1: Line up like terms vertically   Method 2: Group like terms together

To subtract polynomials, distribute the minus
through second polynomial, then combine like terms.

$$(-3x^3 + 4x^2 - x + 8) - (3x^3 + 4x - 4)$$

Method 1: Line up like terms vertically   Method 2: Group like terms together

To add polynomials, combine like terms.

To subtract polynomials, distribute the minus
through second polynomial, then combine like terms.

Method 1: Line up like terms vertically   Method 2: Group like terms together

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Pg. 3